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NSP/ITS/dlm(jaw)
April 25, 2003

PATENT APPLICATION
Docket No.: D-20867 (3011.1019-000)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Jaak Van den Sype and Scot Eric Jaynes
Serial No.: 09/727,473 Group Art Unit: 1742
Filed: December 4, 2000 Examiner: Ip, Sikyin
Confirmation No.: 4380
For: Process and Apparatus for High Pressure Gas Quenching in an Atmospheric Furnace

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| CERTIFICATE OF MAILING | |
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450. <i>dlm 5/24/03</i> | |
| on <u>May 29, 2003</u> | <u><i>Diane L. Matson</i></u> |
| Date | Signature |
| <u>DIANE L. MATSON</u> | |
| Typed or printed name of person signing certificate | |

ASSOCIATE POWER OF ATTORNEY

Mail Stop AF
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

An Associate Power of Attorney is hereby granted to N. Scott Pierce, Esq., Registration No. 34,900, and Anabela Cristina Taylor, Esq., Registration No. 38,999, in the above-identified application effected as of December 1, 2002. A Statement under 37 C.F.R. §3.73(b) is also enclosed.

Please continue to send all correspondence to Robert J. Follett, Esq., Praxair Technology, Inc., Law Department M1, 39 Old Ridgebury Road, Danbury, CT 06810-5113. Please direct all telephone calls to Robert J. Follett, Esq. at (203) 837-2363.

Respectfully submitted,

vsf
PRAXAIR TECHNOLOGY, INC.

By *Mark Lyon*

Mark Lyon
Assistant Secretary of Praxair Technology, Inc.
Telephone (203) 837-2264
Facsimile (203) 837-2545

Danbury, Connecticut 06810-5113
Date: May 27, 2003

Docket No. D-20867 (3011-1019-000)STATEMENT UNDER 37 C.F.R. § 3.73(b)Applicant: Jaak Van den Syte and Scot Eric JaynesApplication No.: 09/727,473Filed: December 4, 2000For: Process and Apparatus for High Pressure Gas Quenching in an Atmospheric FurnacePraxair Technology, Inc.

(Name of Assignee)

, a corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is

- A. ☒ the assignee of the entire right, title and interest in the patent application identified above; or
- B. ☐ an assignee together with [] of the entire right, title and interest in the patent application identified above.

The right, title and interest of the above-named assignee in the patent application identified above is established by virtue of:

- A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Date: May 27, 2003Name: Mark S. LyonTitle: Assistant SecretarySignature: Mark S. Lyon

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**ASSIGNMENT OF INVENTION, PRIORITY RIGHTS
AND RIGHTS TO APPLY FOR PATENTS**

We, the undersigned, Jaak Van den Sype, an Engineer and Citizen of Belgium, residing at 300
Croton Lake Rd., Katonah, NY 10536, and Scot Eric Jaynes, an Engineer and Citizen of the United
States of America, residing at 5983 Seneca Ct., Lockport, NY 14094

HEREBY STATE UNDER OATH that we are the original, first and true inventors of an invention
for PROCESS AND APPARATUS FOR HIGH PRESSURE GAS QUENCHING IN AN
ATMOSPHERIC FURNACE

as described and/or claimed in our application for Letters Patent in the United States of America,
executed on the 2 + 13 day of Feb, 2001, (Docket No. D-20867).

NOW, THEREFORE, in consideration of our employment by Praxair, Inc. manufacturers, a
corporation organized and existing under the laws of the State of Delaware, United States of America,
having an office at 39 Old Ridgebury Road, Danbury, Connecticut 06810-5113, United States of
America, and in fulfillment of our pre-existing obligation of assignment to our employer,

WE DO HEREBY ASSIGN, TRANSFER AND SELL our entire right, title, and interest in and to said
invention and application unto

PRAXAIR TECHNOLOGY, INC.

technology licensors, a corporation organized and existing under the laws of the State of Delaware,
United States of America, its successors and nominees, having an office at 39 Old Ridgebury Road,
Danbury, Connecticut 06810, United States of America and being a wholly owned subsidiary of the said
Praxair, Inc., as the Assignee, without any restrictions, reservations or limitations, the entire right, title
and interest in and to the aforesaid application for Letters Patent and all patents which may be granted
thereon, and all divisions, continuations, continuations-in-part, reissues and extension thereof;

INCLUDING ALL RIGHTS in and to said invention in any country of the world, including, but
not limited to, all priority rights derived from the aforesaid application for Letters Patent by virtue of the
International Convention for the Protection of Industrial Property and for any and all member countries
of the aforesaid International Convention;

AND FURTHER INCLUDING THE SOLE RIGHT to file such applications under the Patent Laws of
any country of the world in its name and/or ours, and the sole right to have patents granted on said
applications in its name and/or ours to the full end of the term for which said patents may be granted as
fully and entirely as the same would have been held by us had this assignment not been made, and to
enforce said patents with our right to sue in any court of competent jurisdiction and obtain all remedies
available, including but not limited to injunctions and to recover lost profits or compensatory and
enhanced damages and attorneys fee for any and all infringements thereof,

AND AUTHORIZE our attorney of record to insert below in this instrument the serial number and filing
date of said application;

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AND AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue all patents on said invention resulting therefrom to said PRAXAIR TECHNOLOGY, INC. as Assignee of the entire right, title and interest, and covenant that we have the full right so to do, and agree that we will communicate to said PRAXAIR TECHNOLOGY, INC. or its representatives any facts known to us respecting said invention and testify in legal proceedings, sign all lawful papers, execute all divisional, continuing, continuation-in-part, extensions and reissue applications, make all rightful oaths and generally do everything possible to aid said PRAXAIR TECHNOLOGY, INC. its successors, assigns or nominees, to obtain and enforce proper protection for said invention in all countries.

SIGNED AND SEALED AT Tarrytown, NY this 2nd
day of February, 2001.

WITNESSES:

1. Roger Michael Westcott
2. Michael R. Westcott

Jaak Van den Syde
JAAK VAN DEN SYDE

State New York)
County of Westchester) ss: Tarrytown

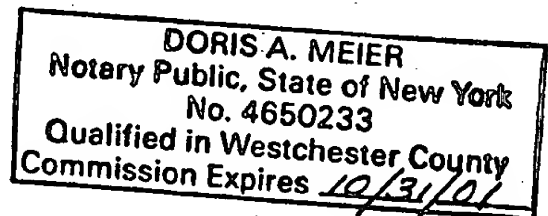
This 2nd day of February, 2001, before me personally came

the above-named Jaak Van den Syde to me personally known as the individual who executed the foregoing assignment, who has acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Doris A. Meier

Notary Public

(Seal)



AND AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue all patents on said invention resulting therefrom to said PRAXAIR TECHNOLOGY, INC. as Assignee of the entire right, title and interest, and covenant that we have the full right so to do, and agree that we will communicate to said PRAXAIR TECHNOLOGY, INC. or its representatives any facts known to us respecting said invention and testify in legal proceedings, sign all lawful papers, execute all divisional, continuing, continuation-in-part, extensions and reissue applications, make all rightful oaths and generally do everything possible to aid said PRAXAIR TECHNOLOGY, INC. its successors, assigns, or nominees, to obtain and enforce proper protection for said invention in all countries.

SIGNED AND SEALED AT Tonawanda, NY this 13
day of Feb., 2001.

WITNESSES:

1. Julie A. Dammin
2. Ann Archange

Scot Eric Jaynes
SCOT ERIC JAYNES

State New York)
County of Erie) ss:

This 13 day of Feb, 2001, before me personally came the above-named Scot Eric Jaynes to me personally known as the individual who executed the foregoing assignment, who has acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

(Seal)

Julie A. Dammin
Notary Public
Notary Public State of New York
Qualified in Erie County
My Commission Expires 4/5/01

SIGNED AND SEALED AT _____ this _____
day of _____, 20____.

WITNESSES:

1. _____
2. _____

State of _____)
County of _____) ss:

This _____ day of _____, 20____, before me personally came the above-named _____ to me personally known as the individual who executed the foregoing assignment, who has acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

(Seal)

Notary Public

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ACCEPTANCE

WE, the undersigned, PRAXAIR TECHNOLOGY, INC. of 39 Old Ridgebury Road, Danbury, Connecticut 06810, United States of America, do hereby declare that we have accepted the foregoing assignment.

Danbury, Connecticut, U.S.A. March 1, 2001

(Seal)

PRAXAIR TECHNOLOGY, INC.

Witness: Margaret Handy

By: Joann M. Jelsa
Joann M. Jelsa
Authorized Agent

Witness: Chris Monners

The application identified above as Docket No. 20867 was filed in the
United States Patent and Trademark Office on December 4, 2000 and was given
Serial Number 09/727,473.

This insertion was made by me this 1st day of March, 2001.

Bernard Lau
Attorney For Applicant
Bernard Lau